

# TRANSMITTAL FORM

(to be used for all correspondence after initial filing)

<b>TRANSMITTAL FORM</b> (to be used for all correspondence after initial filing)		Application Number	10/757,771
		Filing Date	January 14, 2004
		First Named Inventor	Yuan, Zheng
		Art Unit	Not yet known
		Examiner Name	Not yet known
Total Number of Pages in This Submission		Attorney Docket Number	A8443/T52300

## ENCLOSURES (Check all that apply)

<input type="checkbox"/> Fee Transmittal Form <input type="checkbox"/> Fee Attached <input type="checkbox"/> Amendment/Reply <input type="checkbox"/> After Final <input type="checkbox"/> Affidavits/declaration(s) <input type="checkbox"/> Extension of Time Request <input type="checkbox"/> Express Abandonment Request <input checked="" type="checkbox"/> Information Disclosure Statement <input type="checkbox"/> Certified Copy of Priority Document(s) <input type="checkbox"/> Response to Missing Parts/Incomplete Application <input type="checkbox"/> Response to Missing Parts under 37 CFR 1.52 or 1.53	<input type="checkbox"/> Drawing(s) <input type="checkbox"/> Licensing-related Papers <input type="checkbox"/> Petition <input type="checkbox"/> Petition to Convert to a Provisional Application <input type="checkbox"/> Power of Attorney, Revocation Change of Correspondence Address <input type="checkbox"/> Terminal Disclaimer <input type="checkbox"/> Request for Refund <input type="checkbox"/> CD, Number of CD(s)	<input type="checkbox"/> After Allowance Communication to Group <input type="checkbox"/> Appeal Communication to Board of Appeals and Interferences <input type="checkbox"/> Appeal Communication to Group (Appeal Notice, Brief, Reply Brief) <input type="checkbox"/> Proprietary Information <input type="checkbox"/> Status Letter <input checked="" type="checkbox"/> Other Enclosure(s) (please identify below): Return Postcard, copies of three references
Remarks: The Commissioner is authorized to charge any additional fees to Deposit Account 20-1430.		

## SIGNATURE OF APPLICANT, ATTORNEY, OR AGENT

Firm or Individual	Townsend and Townsend and Crew LLP	
	Irvin E. Branch	Reg. No. 42,358
Signature		
Date	March 19, 2004	

## CERTIFICATE OF TRANSMISSION/MAILING

I hereby certify that this correspondence is being facsimile transmitted to the USPTO or deposited with the United States Postal Service with sufficient postage as first class mail in an envelope addressed to: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450 on the date shown below.

Typed or printed name	Nicole M. Wartell		
Signature		Date	March 19, 2004

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PATENT  
Attorney Docket No.: A8443/T52300  
AMAT No.: 008443/DMS/PMD/JW  
TTC No.: 016301-052300US



On MARCH 19, 2004

TOWNSEND and TOWNSEND and CREW LLP

By: Nicole M. Wartell

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

In re application of:

Zheng Yuan, et al.

Application No.: 10/757,771

Filed: January 14, 2004

For: NITROUS OXIDE ANNEAL OF  
TEOS/OZONE CVD FOR IMPROVED  
GAPFILL

Examiner: Not yet known

Art Unit: Not yet known

INFORMATION DISCLOSURE  
STATEMENT UNDER 37 CFR §1.97 and  
§1.98

Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Sir:

The references cited on attached form PTO/SB/08A and PTO/SB/08B are being called to the attention of the Examiner. This application is a continuation-in-part of and relies upon U.S. Patent Application No. 10/247,672 ("the parent application") for an earlier effective filing date under 35 U.S.C. §120. In accordance with 37 CFR §1.98(d), copies of those references that have been previously submitted to or cited by the Office in the parent application are not enclosed. In addition, none of the U.S. patents or published U.S. applications are enclosed in accordance with the Patent Office waiver issued August 5, 2003 in the Official Gazette, which states as follows:

The Office hereby waives the requirement under 37 CFR 1.98

(a)(2)(i) for submitting a copy of each cited U.S. patent and each U.S.

patent application publication for all U.S. national patent applications filed after June 30, 2003 and for all international applications that have entered the national stage under 35 USC 371 after June 30, 2003. See 37 CFR 1.491(b).

In accordance with 37 CFR 1.98(a)(2), copies of the non-patent literature references are enclosed.

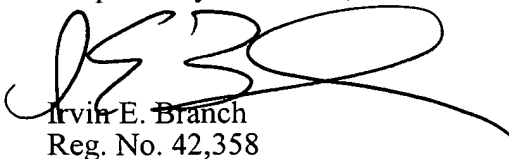
Applicants also wish to make the Examiner aware of the following co-pending patent application: U.S. Patent App. No. 10/674,569, filed September 29, 2003, Applicant Janakiraman et al., Attorney Docket No. 016301-045510US. To comply with 37 CFR §1.98(a)(2)(iii), the specifications, drawings and claims for this application are enclosed.

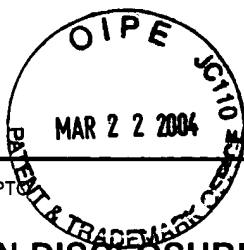
It is respectfully requested that the cited references be expressly considered during the prosecution of this application, and the references be made of record therein and appear among the "references cited" on any patent to issue therefrom.

As provided for by 37 CFR 1.97(g) and (h), no inference should be made that the information and references cited are prior art merely because they are in this statement and no representation is being made that a search has been conducted or that this statement encompasses all the possible relevant information.

Applicant believes that no fee is required for submission of this statement. However, if a fee is required, the Commissioner is authorized to deduct such fee from the undersigned's Deposit Account No. 50-1074. Please deduct any additional fees from, or credit any overpayment to, the above-noted Deposit Account.

Respectfully submitted,

  
Irvin E. Branch  
Reg. No. 42,358



<b>Substitute for form 1449A/PTO</b>  <b>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b>  (use as many sheets as necessary)			<b>Complete if Known</b>		
			Application Number	10/757,771	
			Filing Date	January 14, 2004	
			First Named Inventor	Yuan, Zheng	
			Art Unit	Not yet known	
			Examiner Name	Not yet known	
Sheet	1	of	2	Attorney Docket Number	A8443/T52300

U.S. PATENT DOCUMENTS+					
Examiner Initials*	Cite No. <sup>1</sup>	Document Number	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number Kind Code <sup>2</sup> (if known)			
	A1	US-5,660,472	08-26-1997	Peuse et al.	
	A2	US-5,939,763	08-17-1999	Hao et al.	
	A3	US-6,150,286	11-21-2000	Sun et al.	
	A4	US-6,150,209	11-21-2000	Sun et al.	
	A5	US-6,171,901 B1	01-09-2001	Blair et al.	
	A6	US-6,184,155 B1	02-06-2001	Yu et al.	
	A7	US-6,190,973 B1	02-20-2001	Berg et al.	
	A8	US-6,245,689 B1	06-12-2001	Hao et al.	
	A9	US-6,248,628 B1	06-19-2001	Halliyal et al.	
	A10	US-2002/0052128 A1	05-02-2002	Yu et al.	
	A11	US-2002/0102358 A1	08-01-2002	Das et al.	
	A12	US-6,489,254	12-03-2002	Kelkar et al.	
	A13	US-6,512,264 B1	01-28-2003	Ogle, Jr. et al.	
	A14	US-2003/0057432 A1	03-27-2003	Gardner et al.	
	A15	US-6,541,367 B1	04-01-2003	Mandal	
	A16	US-2003/0071304 A1	04-17-2003	Ogle, Jr. et al.	
	A17	US-2003/0073290 A1	04-17-2003	Ramkumar et al.	
	A18	US-2003/0140851 A1	07-31-2003	Lund	

FOREIGN PATENT DOCUMENTS								
Examiner Initials*	Cite No. <sup>1</sup>	Foreign Patent Document			Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T <sup>6</sup>
		Country Code <sup>3</sup>	Number <sup>4</sup>	Kind Code <sup>5</sup> (if known)				
	B1	TW	479315		03-11-2002			<input type="checkbox"/>
	B2							<input type="checkbox"/>

Examiner Signature		Date Considered	
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\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. <sup>1</sup> Applicant's unique citation designation number (optional). <sup>2</sup> Kind Codes of U.S. Patent Documents at [www.uspto.gov](http://www.uspto.gov) or MPEP 901.04. <sup>3</sup> Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). <sup>4</sup> For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. <sup>5</sup> Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. <sup>6</sup> Applicant is to place a check mark here if English language Translation is attached.  
60166658 v1



<b>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b>  (use as many sheets as necessary)		<b>Complete if Known</b>			
		Application Number	10/757,771		
		Filing Date	January 14, 2004		
		First Named Inventor	Yuan, Zheng		
		Art Unit	Not yet known		
		Examiner Name	Not yet known		
Sheet	2	of	2	Attorney Docket Number	A8443/T52300

NON PATENT LITERATURE DOCUMENTS			
Examiner Initials *	Cite No. <sup>1</sup>	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T <sup>2</sup>
	C1	BAKER, F. et al. "STI TEOS Densification for Furnaces and RTP Tools" 1999 IEEE/SEMI Advanced Semiconductor Manufacturing Conference, 1999, pp. 394-399.	
	C2	Applied Materials Website Printout: "SACVD (Sub-Atmospheric Chemical Vapor Deposition)" from <a href="http://www.appliedmaterials.com/products/sacvd.html">www.appliedmaterials.com/products/sacvd.html</a> , printed 06/20/2003.	
	C3		

Examiner Signature		Date Considered	
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<sup>1</sup> EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

<sup>2</sup> Applicant's unique citation designation number (optional). <sup>2</sup> Applicant is to place a check mark here if English language Translation is attached.